

# Heliophysics Big Year

### What is the Heliophysics Big Year?

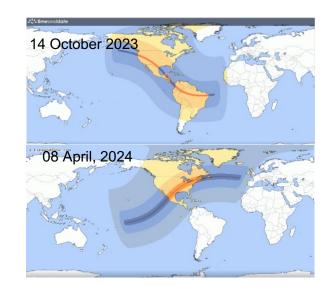
Ties together three major Heliophysics events in 2023-2025 (2 solar eclipses, solar maximum) to maximize participation in a coordinated incentivized citizen science campaign.





- NASA is developing a program to use these remarkable events to highlight and motivate solar system science
  - Two Solar Eclipses cross N. America (14 Oct 2023 and 8 April 2024)
  - The rising phase of the Solar Cycle 25 with Solar Maximum predicted to occur in 2025
- Look out for opportunities to be part of our Big Year
  - https://science.nasa.gov/heliophysics/programs/citizen-science

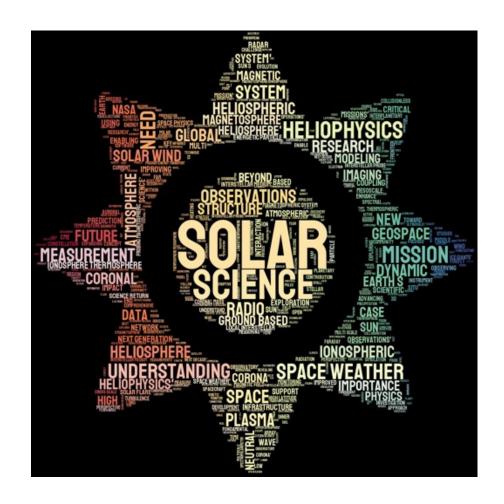
Helios Big Year is an opportunity to reach a generation for Heliophysics.



What is a "Big Year"? A big year is a birding term for maximizing a birder's number of species.

# 2024 Decadal Survey is Underway

- Statement of Task and Study Approach (linked below the SoT) define scope and identify agency-specific guidance
  - https://nas.edu/ssphdecadal
- Steering Committee has been announced
  - Dr. Stephen Fuselier and Dr. Robyn M. Millan will serve as co-chairs
- Schedule
  - Kick-off meeting held on August 22 and 23
- White Papers
  - Due date was Sept 7 <u>492 white papers submitted</u> which is a huge increase compared to previous decadals
- NASA asking for ambitious but realistic science strategy
- Incorporates NASA programs as part of the strategy
  - https://science.nasa.gov/heliophysics/2024\_decadal\_s urvey/heliophysics-strategic-mission-programs



Word cloud of the Heliophysics Decadal White Paper titles Credit: James Paul Mason

## **Get Involved and Stay Informed!**

We are continuing to work hard to grow the Heliophysics community. Stay in touch and help us find new ways to highlight your work and keep you in the loop!

#### Heliophysics virtual Town Hall is coming!

- When: October 24<sup>th</sup>
- More information to come

#### Stay up to date with what's happening at Headquarters:

https://science.nasa.gov/researchers/virtual-townhall

### Let us know what you've been working on:

- https://bit.ly/SubmitHelioScience
- Web and social media:
- NASA.gov/sunearth
- blogs.nasa.gov/sunspot
- @NASASun
- facebook.com/NASASunScience

#### **Volunteer for a panel:**

https://science.nasa.gov/researchers/volunteer-review-panels

